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APR 25 2006
PATENT & TRADEMARK OFFICE

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# TRANSMITTAL FORM

*(to be used for all correspondence during pendency of filed application)*

| | | | |
|---|---|---|---|
| | | Application Number | 10/680,592 |
| | | Filing Date | October 7, 2003 |
| | | First Named Inventor | Christophe Pierrat |
| | | Group Art Unit Number | 2825 |
| | | Examiner Name | Leigh M. Garbowski |
| Total Number of Pages in This Submission | 25 | Attorney Docket Number | 23748-10030 |

## ENCLOSURES *(check all that apply)*

- ☒ Fee Transmittal Form (in duplicate)
  - ☒ Check Enclosed
- ☒ Return Receipt Postcard
- ☐ Response to Notice to File Missing Parts
- ☐ Assignment & Recordation Cover Sheet
- ☐ Declaration
- ☐ Power of Attorney
- ☐ Application Data Sheet
- ☐ Information Disclosure Statement & PTO/SB/08A
  - ☐ Copies of IDS Cited References
- ☐ Request for Corrected Filing Receipt
- ☐ Request for Correction of Recorded Assignment
- ☒ Amendment/Response: 22 Pages
  - ☐ After Final
- ☐ Status Request
- ☐ Revocation and Substitute Power of Attorney
- ☐ Issue Fee Transmittal
- ☐ Letter to Chief Draftsperson
- ☐ Formal Drawing(s):
  [ ] Sheet(s) of Figure(s) [ ]
- ☐ Appeal Communication to Board of Appeals and Interferences
- ☐ Appeal Communication to Group *(Appeal Notice, Brief, Reply Brief)*
- ☐ Certified Copy of Priority Document(s)
- ☐ After Allowance Communication to Group
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____
- ☐ _____

**REMARKS:**

## SIGNATURE OF ATTORNEY OR AGENT

| | | | |
|---|---|---|---|
| Signature: | /Neil F. Maloney, Reg. No. 42,833/ | | |
| Attorney/Reg. No.: | **Neil F. Maloney, Reg. No. 42,833** | Dated: | **April 21, 2006** |

## CERTIFICATE OF MAILING

I hereby certify that this correspondence, including the enclosures identified above, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below. If the Express Mail Mailing Number is filled in below, then this correspondence is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service pursuant to 37 CFR 1.10.

| | | | |
|---|---|---|---|
| Signature: | Rebecca Hancock | | |
| Typed or Printed Name: | **Rebecca Hancock** | Dated: | **April 21, 2006** |
| Express Mail Mailing Number *(optional)*: | | | |

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APR 25 2006
IAP100

# FEE TRANSMITTAL for FY 2006

Patent fees are subject to annual revision.

☒ Applicant claims small entity status. See 37 CFR 1.27

**TOTAL AMOUNT OF PAYMENT** ($) 225.00

| | *Complete if Known* |
|---|---|
| Application Number | 10/680,592 |
| Filing Date | October 7, 2003 |
| First Named Inventor | Christophe Pierrat |
| Examiner Name | Leigh M. Garbowski |
| Art Unit | 2825 |
| Attorney Docket No. | 23748-10030 |

## METHOD OF PAYMENT (check all that apply)

☒ Check ☐ Credit Card ☐ Money Order ☐ Other ☐ None

☐ Deposit Account:

Deposit Account Number: 19-2555

Deposit Account Name: Fenwick & West LLP

**The Commissioner is authorized to:** *(check all that apply)*

☐ Charge fee(s) indicated below ☒ Credit any overpayments

☒ Charge all required fee(s) or any underpayment of fee(s) due under 37 CFR §1.16 or §1.17 during the pendency of this application

☐ Charge fee(s) indicated below, **except for the filing fee** to the above-identified deposit account.

## FEE CALCULATION

### 1. BASIC FILING FEE

| Large Entity Fee Code | Large Entity Fee ($) | Small Entity Fee Code | Small Entity Fee ($) | Fee Description | Fee Paid |
|---|---|---|---|---|---|
| | | | | | |

**SUBTOTAL (1)** ($) -0-

### 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

| | | Extra Claims | | Fee from below | | Fee Paid |
|---|---|---|---|---|---|---|
| Total Claims | 31 | -55**= 0 | x | | = | 0 |
| Independent Claims | 4 | -14** = 0 | x | | = | 0 |
| Multiple Dependent | | | | | = | 0 |

| Large Entity Fee Code | Large Entity Fee ($) | Small Entity Fee Code | Small Entity Fee ($) | Fee Description |
|---|---|---|---|---|
| 1202 | 50 | 2202 | 25 | Claims in excess of 20 |
| 1201 | 200 | 2201 | 100 | Independent claims in excess of 3 |
| 1203 | 360 | 2203 | 180 | Multiple dependent claim, if not paid |
| 1204 | 200 | 2204 | 100 | **Reissue independent claims over original patent |
| 1205 | 50 | 2205 | 25 | **Reissue claims in excess of 20 and over original patent |

**SUBTOTAL (2)** ($) -0-

**or number previously paid, if greater; For Reissues, see above

## FEE CALCULATION (continued)

### 3. ADDITIONAL FEES

| Large Entity Fee Code | Large Entity Fee ($) | Small Entity Fee Code | Small Entity Fee ($) | Fee Description | Fee Paid |
|---|---|---|---|---|---|
| 1051 | 130 | 2051 | 65 | Surcharge - late filing fee or oath or declaration | |
| 1052 | 50 | 2052 | 25 | Surcharge - late provisional filing fee or cover sheet | |
| 1053 | 130 | 1053 | 130 | Non-English specification | |
| 1812 | 2,520 | 1812 | 2,520 | For filing a request for *ex parte* reexamination | |
| 1804 | 920* | 1804 | 920* | Requesting publication of SIR prior to Examiner action | |
| 1805 | 1,840* | 1805 | 1,840* | Requesting publication of SIR after Examiner action | |
| 1251 | 120 | 2251 | 60 | Extension for reply within first month | |
| 1252 | 450 | 2252 | 225 | Extension for reply within second month | 225 |
| 1253 | 1020 | 2253 | 510 | Extension for reply within third month | |
| 1254 | 1,590 | 2254 | 795 | Extension for reply within fourth month | |
| 1255 | 2,160 | 2255 | 1,080 | Extension for reply within fifth month | |
| 1401 | 500 | 2401 | 250 | Notice of Appeal | |
| 1402 | 500 | 2402 | 250 | Filing a brief in support of an appeal | |
| 1403 | 1000 | 2403 | 500 | Request for oral hearing | |
| 1451 | 1,510 | 1451 | 1,510 | Petition to institute a public use proceeding | |
| 1452 | 500 | 2452 | 250 | Petition to revive - unavoidable | |
| 1453 | 1,500 | 2453 | 750 | Petition to revive - unintentional | |
| 1501 | 1,400 | 2501 | 700 | Utility issue fee (or reissue) | |
| 1502 | 800 | 2502 | 400 | Design issue fee | |
| 1503 | 1100 | 2503 | 550 | Plant issue fee | |
| 1460 | ___ | 1460 | ___ | Petitions to the Director | |
| 1807 | 50 | 1807 | 50 | Processing fee for Provisional Applications | |
| 1806 | 180 | 1806 | 180 | Submission of Information Disclosure Stmt | |
| 8021 | 40 | 8021 | 40 | Recording each patent assignment per property (times number of properties) | |
| 1809 | 790 | 2809 | 395 | Filing a submission after final rejection (37 CFR 1.129(a)) | |
| 1810 | 790 | 2810 | 395 | For each additional invention to be examined (37 CFR 1.129(b)) | |
| 1801 | 790 | 2801 | 395 | Request for Continued Examination (RCE) | |
| 1802 | 900 | 1802 | 900 | Request for expedited examination of a design application | |

Other fee (specify)_____

**SUBTOTAL (3)** ($) 225.00

*Reduced by Basic Filing Fee Paid

## SUBMITTED BY

| Name (Print/Type) | Neil F. Maloney | Registration No. (Attorney/Agent) | 42,833 | Complete (if applicable) Telephone (650) 335-7607 |
|---|---|---|---|---|
| Signature | /Neil F. Maloney, Reg. No. 42,833/ | Date | April 21, 2006 | |

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APR 25 2006
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**IN THE**

**UNITED STATES PATENT AND TRADEMARK OFFICE**

| | |
|---|---|
| APPLICANTS: | Christophe Pierrat, et al. |
| SERIAL NO.: | 10/680,592 |
| FILING DATE: | October 7, 2003 |
| TITLE: | Design-Manufacturing Interface Via a Unified Model |
| EXAMINER: | Leigh M. Garbowski |
| GROUP ART UNIT: | 2825 |
| ATTY. DKT. NO.: | 23748-10030 |

**CERTIFICATE OF MAILING**

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Dated: April 21, 2006 By: Rebecca Hancock

Rebecca Hancock

MAIL STOP AMENDMENT
COMMISSIONER FOR PATENTS
P.O. BOX 1450
ALEXANDRIA, VA 22313-1450

**AMENDMENT A**

Examiner:

This amendment for the patent application identified above is in response to the Office action dated November 21, 2005, which set a shortened statutory period for response that expires on February 21, 2006. Applicants request, and submit fee for, a 2 month extension of time.

Amendments to the specification begin on page 2 of this paper.

Amendments to the claims begin on page 4 of this paper.

Remarks begin on page 16 of this paper.

Kindly amend this application as indicated herein.

04/26/2006 SFELEKE1 00000037 10680592
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